MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER 1952

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

SEPTEMBER 1952
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.8	57.1	57.8	57.6	33.2	24.3	29.2	33.0	26.7	29.6
2	55.2	56.5	56.9	56.2	33.0	24.1	28.9	32.6	26.7	29.4
3	57.1	56.5	57.1	56.9	33.0	24.1	28.5	32.8	26.3	29.2
4	57.0	56.3	56.7	56.7	32.5	24.7	28.6	32.2	26.7	29.2
5	57.3	56.6	57.1	57.0	32.5	25.2	29.4	32.5	27.1	29.7
6	58.1	57.4	57.4	57.6	31.8	25.2	28.6	31.1	27.0	28.9
7	57.9	56.5	55.7	56.7	32.5	25.3	29.2	31.9	27.7	29.6
8	55.4	54.2	53.9	54.5	32.3	25.9	30.4	31.7	28.0	30.0
9	54.8	54.4	54.7	54.6	32.0	24.8	30.1	31.4	27.4	29.6
10	55.7	55.2	55.1	55.3	33.4	24.6	29.1	32.8	26.8	29.6
11	55.0	54.2	55.4	54.9	32.9	25.3	28.9	33.2	26.9	29.7
12	56.6	56.2	56.9	56.6	31.7	25.8	29.8	31.7	27.1	29.5
13	57.8	57.4	57.9	57.7	32.0	25.9	30.0	32.2	28.1	30.1
14	57.9	57.0	57.3	57.4	33.5	25.0	29.3	33.0	28.2	30.2
15	57.2	56.7	57.3	57.1	32.6	25.0	29.1	31.8	26.7	29.2
16	57.4	57.0	57.2	57.2	32.6	26.0	30.0	32.3	27.8	30.0
17	57.5	56.9	57.2	57.2	32.4	25.4	28.6	32.2	27.8	29.5
18	57 8	57.6	58.0	57.8	32.4	24.8	29.4	31.7	27.2	29.4
19	58.7	57.6	58.3	58.2	32.7	24.6	29.0	30.9	26.8	28.9
20	59.7	58.7	59.5	59.3	32.7	24.7	28.7	30.8	26.7	28.7
21	59.6	59.3	59.1	59.3	31.6	24.4	28.3	31.1	26.1	28.5
22	58.7	57.1	57.8	57.9	31.8	24.6	28.3	31.3	26.7	28.8
23	57.4	57.1	57.9	57.5	32.4	24.4	31.7	31.7	27.2	30.2
24	58.3	58.6	59.0	58.6	32.7	25.1	28.9	31.9	26.7	29.2
25	60.2	59.4	59.6	59.7	31.2	23.3	27.8	30.8	25.0	27.9
26	59.5	59.0	60.1	59.5	30.3	25.2	26.3	28.8	25.6	26.9
27	61.6	61.2	62.1	61.6	30.0	25.2	27.2	29.4	26.7	27.8
28	63.2	62.2	62.5	62.6	30.1	24.8	28.1	28.7	26.6	27.8
29	61.9	59.2	59.1	60.1	29.6	24.6	27.6	29.4	27.2	28.1
30	59.7	58.8	60.0	59.5	31.9	25.4	28.1	31.6	26.7	28.8
31										
	58.07	57.40	57.82	57.76	32.11	24.92	28.90	31.55	26.94	29.13

Barometer, range for month 763.2 mm. — 753.9 mm
„ 71-yr. average for month 758.74 mm.
Thermometer, range for month 33.5°C — 23.3°C
„ 71-yr. average for month 27.21°C
Rain total for month 1.02 mm.
„ 71-yrs average for month 6.19 mm.
„ Total, Sept. 1st. to end of month 1.02 mm.
„ 71-yrs. average. Sept. 1st. to end of month 6.19 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	26.4	28.1	27.4	27.3	67	55	79	67	9.6	51.0	
2	28.6	28.2	28.2	28.3	73	58	81	70	9.5	117.0	
3	27.5	27.4	27.2	27.4	73	57	82	71	9.8	61.0	
4	27.5	30.5	28.9	29.0	73	63	83	73	9.6	39.0	
5	28.9	29.7	30.7	29.8	71	62	85	73	9.4	209.0	
6	28.3	29.1	28.4	28.6	74	64	79	72	8.8	29.0	
7	29.6	28.6	29.5	29.2	73	62	80	72	8.9	137.0	
8	28.0	26.3	25.8	26.7	63	56	70	63	9.2	391.0	
9	30.0	26.8	27.7	28.2	70	59	78	68	9.3	76.0	
10	28.6	27.4	28.9	28.3	73	57	82	71	8.7	43.0	
11	25.7	28.1	27.4	27.1	65	55	78	66	7.2	64.0	
12	28.4	27.9	28.4	28.2	67	59	79	68	7.1	23.0	
13	28.4	31.3	30.5	30.1	67	65	80	70	8.1	11.0	
14	30.4	31.2	31.3	31.0	73	61	81	72	8.9	71.0	
15	28.6	27.9	30.3	28.9	72	61	87	73	9.4	89.0	
16	27.7	30.5	31.0	29.7	65	64	83	71	9.3	383.0	
17	28.3	32.1	29.5	30.0	75	67	79	74	9.4	335.0	
18	24.5	29.4	26.3	26.7	60	63	72	65	9.6	10.0	
19	27.8	29.1	26.7	27.9	70	64	76	70	9.4	23.0	
20	28.6	28.8	28.9	28.8	71	65	83	73	9.0	24.0	
21	27.5	27.6	26.5	27.2	72	61	79	71	9.3	24.0	
22	29.0	28.3	28.9	28.7	76	63	83	74	8.9	134.0	
23	31.0	30.2	27.0	29.3	67	64	75	69	9.0	320.0	
24	27.1	26.3	23.9	25.8	68	58	68	65	8.3	151.0	
25	22.4	21.5	20.7	21.5	61	50	66	59	8.6	135.0	1.02
26	21.7	21.5	21.5	21.6	65	55	66	62	4.3	175.0	
27	23.5	24.5	23.3	23.8	66	59	66	64	8.4	805.0	
28	23.7	26.4	24.6	24 9	64	66	71	67	9.1	676.0	
29	19.7	24.5	27.0	23.7	52	59	75	62	8.5	713.0	
30	28.0	29.4	28.9	28.8	74	63	83	73	8.1	53.0	
31											
	27.18	27.95	27.51	27.55	68.7	60.5	77.6	68.9	8.76	179.07	0.03

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	2cu	0.7	2sw	2w	0	light	
2	2cu		3cu	1.7	2sw	2sw	0	,,	
3	4cu	0	0	1.3	2sw	2w	1w	,,	H., p.m.
4	1cu	0	1cu	0.7	1sw	1nw	0	calm	
5	4cu-ci	0	7cu-st	3.7	1ne	3ne	1n	light	
6	3cu	0	0	1.0	1sw	1n	1e	light	H., a.m.
7	3cu	7cu	0	3.3	2sw	2n	1ne	,,	
8	0	0	0	0.0	1ne	3ne	3ne	,,	
9	0	1cu	0	0.3	1w	2n	1n	,,	
10	1cu	0	1cu	0.7	1sw	2sw	0	calm	
11	7cu-ci	3cu-ci	0	3.3	1sw	2nw	1sw	calm	H., all day
12	4cu-st	1cu	0	1.7	1ne	2nw	0	light	H., a.m.
13	0	8cu-st	8cu-st	5.3	1n	2nw	1w	,,	H., all day
14	0	1cu	9cu-st	3.3	1sw	2w	0	,,	H., all day
15	1cu	0	0	0.3	2sw	1nw	1n	,,	H., a.m.
16	0	0	0	0.0	1ne	2ne	2ne	light	
17	0	0	0	0.0	3ne	3ne	1ne	,,	H., all day
18	0	0	0	0.0	1nw	2n	0	,,	H., a.m.
19	0	0	0	0.0	1nw	2n	0	,,	H., a.m.
20	2cu-st	2cu	4st	2.7	2w	2nw	0	,,	
21	2cu-st	1cu	0	1.0	1sw	2nw	0	light	H., a.m.
22	2st	1st	0	1.0	1sw	1nw	0	,,	H., a.m.
23	3cu-st	3cu	1st	2.3	4sw	4sw	3sw	,,	H., a.m.
24	0	0	0	0.0	5sw	3w	1nw	,,	H., a.m.
25	4cu-st	2cu	0	2.0	2sw	2nw	0	slight	
26	8cu-ni	8cu-st	6st	7.3	2sw	2nw	1nw	light	Tr. a.m.
27	5cu	2cu	5st	4.0	0	3n	3nw	,,	
28	1cu	5cu	4cu	3.3	1n	3n	3n	,,	
29	0	0	0	0.0	3ne	4ne	3ne	slight	
30	0	0	8cu-st	2.7	1ne	4ne	1w	light	
31									
				1.79					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	7	0	0	0	16	2	2	1	30
14:30	7	6	0	0	0	3	4	10	0	30
20:30	4	5	1	0	0	2	3	3	12	30
Total	13	18	1	0	0	21	9	15	13	90

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 1.13